

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: FABRIES, Lionel

SERIAL NO.: (International Serial No.PCT/FR2004/002518)

FILED: Herewith (International Filing Date: 6 October 2004)

TITLE: DERMO-COSMETIC COMPOSITION FOR PETS

REMARKS ON PRELIMINARY AMENDMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

In conjunction with the filing of the present application, and prior to an initial Official Action on this matter, please amend the above-identified application as provided in the attached Marked Up Copy and Substitute Specification.

Please note that the following amendments in the Substitute Specification apply to the attached specification and claims labeled for "U.S. filing". This combined application incorporates the original application and any amendments or annex to the International Application in the proper order, including the correct original and substitute pages, claims and drawing sheets.

In this preliminary amendment, please consider the following remarks in conjunction with the amendments to the above-identified application as follows:

REMARKS

The present Preliminary Amendment has been entered for the purpose of placing the application into a more proper U.S. format. In particular, certain grammatical and idiomatic inconsistencies have been corrected by amendment to the specification, and the application is

corrected for certain typographical errors found in the originally submitted application. No new matter has been added by these amendments. The present application incorporates the original filing including any amendments made in the international filing. There was no amendment in the International Application, and there is no annex to the International Preliminary Examination Report because the IPER. The specification is an English translation of an originally French language document.

The Claims have been amended so as to conform with U.S. requirements and so as to remove multiple dependent claims. The Abstract has been amended so as to conform to U.S. filing requirements.

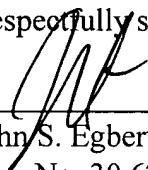
Applicant respectfully requests that the present Amendment be entered prior to an initial Official Action on the present application.

Date

4-6-06

Customer No. 24106

Respectfully submitted,



John S. Egbert
Reg. No. 30,627
Andrew W. Chu
Reg. No. 46,625

Egbert Law Offices
412 Main Street, 7th Floor
Houston, Texas 77002
(713)224-8080
(713)223-4873 fax

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CLAIMS

I claim:

1. (Currently amended) Dermo-cosmetic composition using ~~the~~ capacity of ~~the~~ sebaceous glands to store ~~the~~ active ingredients and to release ~~them~~ the ingredients through ~~the~~ a sebum, characterized in that it contains at least the composition comprising:

one carrier ~~that is~~ being a solvent; and

at least one complex of essential oils.

2. (Currently amended) Composition according to claim 1 ~~characterized in that the~~, wherein said solvent ~~making up the carrier~~ is comprised of an ethoxydiglycol.

3. (Currently amended) ~~Dermo-cosmetic~~ The composition ~~for animals~~ according to claims ~~1 et 2, characterized in that the~~ Claim 1, wherein said one carrier is an organic solvent chosen from ~~the following~~ a group consisting of:

Acetone, acetonitrile, benzyl alcohol, butyldiglycol, dimethyl acetamide, dimethyl formamide, dipropylene glycol monobutyl ether, ethanol, isopropanol, methanol, ethylene glycol monoethyl ether, monoethyl acetamide, dipropylene glycol monomethyl ether, liquid polyoxyethylene-glycol, propylene glycol, 2-pyrrolidone, including N-methyl pyrrolidone, diethyleneglycol monoethyl ether, ethylene glycol, diethyl phthalate, and a mixture of at least two ~~of them~~ organic solvents of the group.

4. (Currently amended) ~~Dermo-cosmetic~~ The composition ~~for animals~~ according to claims ~~1, 2 and 3 characterized in that it is made of the combination of;~~

~~————— A carrier consisting of an organic solvent.~~

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~~_____ A complex of essential oils.~~

~~_____ Claim 1, further comprising:~~

Polyunsaturated essential fatty acids, wherein said one carrier is an organic solvent.

5. (Currently amended) ~~Derma-cosmetic~~ The composition for animals according to claim 4 ~~characterized in that,~~ wherein the fatty acids are chosen from a group consisting of hemp oils, in ~~the~~ a proportion of 1 to 15%.

6. (Currently amended) ~~Derma-cosmetic~~ The composition for animals according to claim 4 ~~and claim 5 characterized in that,~~ wherein the fatty acids are added using products chosen from ~~the~~ following a group consisting of:

fish oil (orange roughy),
borage oil (Borago Officinalis),
coconut oil (Cocos Nucifera),
kukui oil,
sesame oil (Sesamum indium),
reconstituted synthetic AGPI's or natural extracts,
Eicopentaenoic acid (EPA),
docosahexaenoic acid (DHA),
shea butter,
olive oil (Olea Europea),
canola oil,
walnut oil,

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soybean oil, and

anchusa oil (Echium Plantagineum), in ~~the~~ a proportion of 3 to 50%, and preferably 5% to 10%.

7. (Currently amended) ~~Dermo-cosmetic~~ The composition ~~for animals~~ according to claim 1 and the preceding claims characterized in that it is made of:

~~_____ a solvent,~~

~~_____ a complex of essential oils,~~

~~_____ polyunsaturated fatty acids omega 3 and omega 6; and~~

~~_____ 4, further comprising:~~

a soothing and/or anti-inflammatory and/or anti-pruriginous agent, wherein the fatty acids are omega 3 and omega 6.

8. (Currently amended) ~~Dermo-cosmetic~~ The composition ~~for animals~~ according to claim 7 characterized in that, wherein the soothing agent is chosen from a group consisting of:

laureth 9, ~~or its substitutes such as~~ procaine, lidocaine, corticoids, menthol, by themselves or in and a combination of at least two ~~of them~~ soothing agents of the group.

9. (Currently amended) ~~Dermo-cosmetic~~ The composition ~~for animals~~ according to claim 1 and claim 7 characterized in that, wherein the anti-inflammatory agent is chosen from a group consisting of:

bisabolol ~~or at least one of its substitutes,~~ natural or synthetic azulene, allantoin, glycyrrhetic 18 beta acid and its salts, aloe extracts, ~~and~~ calendula extracts or , and carrot extracts, in the a proportion of 0.01 to 10%.

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10. (Currently amended) ~~Derma-cosmetic~~ The composition for animals, according to claim 1 ~~and any of the preceding claims, characterized in that it contains~~ , further comprising:

a thickening or stabilizing crystallization-inhibiting film-forming agent, ~~such as the~~
thickening agent being chosen from a group consisting of:

~~polyvinyl pyrrolidone or a product chosen from the following group:-~~

~~_____~~ , hydroxymethyl cellulose, polyvinyl alcohols, vinyl acetate and vinyl pyrrolidone copolymers, polyethylene glycols, benzyl alcohol, mannitol, glycerol, sorbitol, polyoxyethylene sorbitan esters, lecithin, sodium carboxymethyl cellulose, and acrylic derivatives such as methacrylates and others.

11. (Currently amended) ~~Derma-cosmetic~~ The composition for animals, according to claim 1 ~~and any of the preceding claims characterized in that it contains a~~ , further comprising:

~~an insect-repellent product made of:-~~

~~_____~~ such as being chosen from a group consisting of:

~~neem seed oil or its substitutes such as:-~~

~~_____~~ , castor oil (Ricinus Communis), dimethyl phthalate, ethyl hexane diol, natural and synthetic camphor, pyrethrum and derivatives (Pyrethum Album), and oil garlic (Allium Sativum).

12. (Currently amended) Composition according to claim 1 ~~and any of the preceding claims characterized in that it contains:-~~

~~_____~~ As, wherein said carrier and skin solvent, is an ethoxydiglycol, wherein said complex of essential oils is:-

~~_____~~ As vegetal oil rich in polyunsaturated fatty acids, hemp oil.

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~~As concentrated essential oils:-~~

~~Rosmarinus Officinalis, Lavendula Hybrida, Eugenia Caryophyllus, Melaleuca Alternifolia, Cinnamomum Camphora, Mentha Piperita, Cedrus Atlantica, Curcuma Longa, Origanum Compactum, and Gaultheria Procumbens, Musk, said composition further comprising:~~

~~hemp oil,~~

~~As insect repellent, neem seed extract (Azadirachta Indica) at 0.25% of azadirachtin,-~~

~~As soothing, desensitizing and anti-pruriginous ingredients, laureth 9,-~~

~~Aa film-forming means being a thickening, stabilizing crystallization-inhibiting agent, forming a film on the animal skin, as mentioned above in the description.-~~

~~A an antioxidant means, vitamin E with antioxidant function, such as D-alpha tocopherol or tocopheryl acetate, or the products mentioned above in the description, and~~

~~An an anti-inflammatory means agent such as alpha-bisabolol, bisabolol or its substitutes as mentioned above in the description.~~

13. (Currently amended) ~~Dermo-cosmetic~~ The composition according to claim 1 and any other of the preceding claims, characterized in that it contains, further comprising:

a delay formula allowing for extended release of the active ingredients.

14. (Currently amended) Composition according to claim 13, ~~characterized in that the~~ wherein said delay formulas ~~use:~~ is chosen from a group consisting of:

Beta-cyclodextrins, as cyclic natural sugars: ~~presents in the formulation with having~~
a concentration ranging from 2 to 10%,-

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_____ ~~And/or cellulose fibers from wood: present in the formulation with~~ having a concentration ranging from 2 to 10%,-

_____ ~~And/or polymethyl methacrylate and nylon spheres: present in the formulation with~~ having a concentration ranging from 4 to 12%,-

_____ ~~And/or coated or non-coated silica microreservoirs: present in the formulation with~~ having a concentration ranging from 2 to 10%,-

_____ ~~And/or linear polyester polymers with a molecular weight of 800 through 5000 Daltons both occlusive and retentive: present in the formulation with~~ having a concentration ranging from 10 to 20%, and a combination of at least two of the delay formula of the group.

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ABSTRACT OF THE DISCLOSURE

The invention relates to a dermo-cosmetic composition for pets. This composition ~~comprises~~ includes a diffusion solvent vehicle that enables, by a simple application to one or more points of the cutaneous surface, a diffusion over the entirety thereof and at the level of the sebaceous glands. The active ingredients, primarily ~~consisting of~~ include a complex of essential oils and of poly-unsaturated fatty acids, stored in ~~these~~ the sebaceous glands, can be salted out progressively with the sebum product to the surface of the skin.